

# XA-NV300T

## SERVICE MANUAL

Ver. 1.0 2013.09

*US Model  
Canadian Model  
AEP Model  
UK Model  
Australian Model*



### SPECIFICATIONS

Power requirements:

USB 5V DC

Dimensions (GPS module):

Approx. 90 mm × 50 mm × 18.5 mm  
(3<sup>5</sup>/<sub>8</sub> in × 2 in × <sup>3</sup>/<sub>4</sub> in) (w/h/d)

Mass: Approx. 80 g (3 oz)

Package contents:

GPS module (1)  
Map data memory (1)  
Hook and loop fastener (2)  
GPS antenna (aerial) (1)  
Mounting sheet (1)

Design and specifications are subject to change without notice.

GPS MODULE FOR AV CENTER

9-893-850-01

2013I33-1

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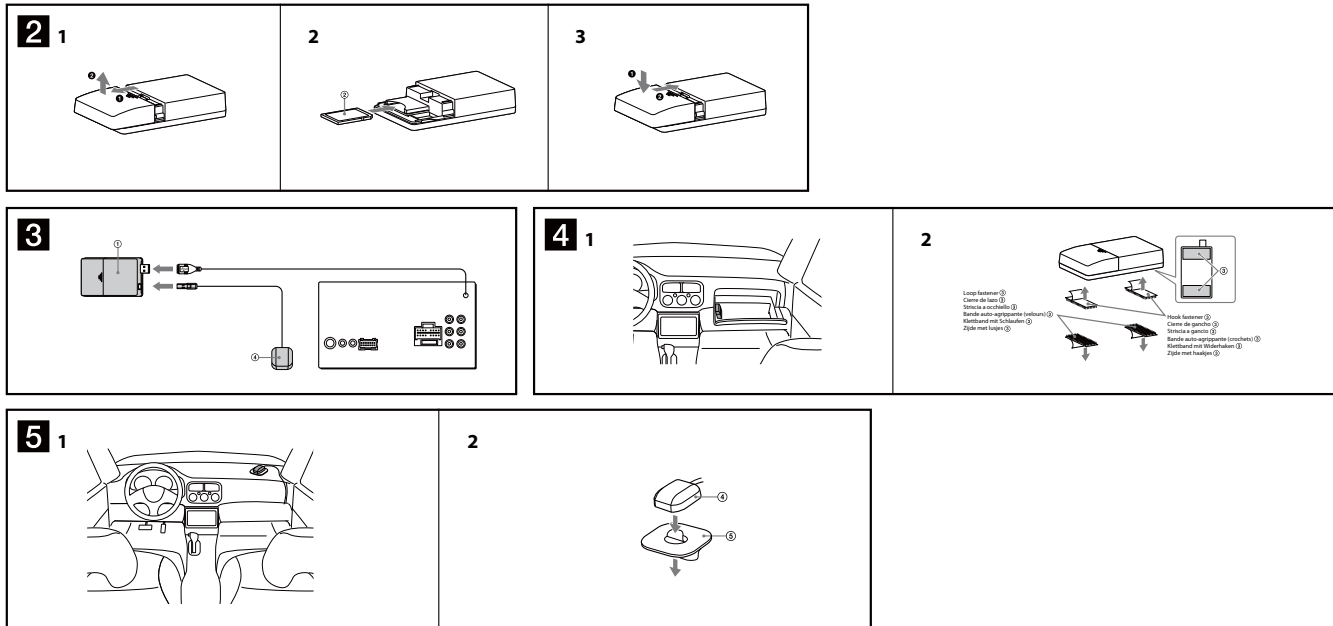
**Sony Corporation**

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## SECTION 1 GENERAL

This section is extracted  
from instruction manual.



### Cautions

- Do not disassemble or modify the unit.
- Do not install in locations which interfere with airbag operation.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperature, such as in direct sunlight or near heater ducts.
- When connecting/disconnecting the GPS module ①, turn off the car ignition or the AV Center to prevent malfunction.

### Inserting a Map data memory into the GPS module ②

To enable using the navigation function, inserting the Map data memory ② is required.

#### 1 Open the cover.

Slide the cover until the hook is fully released ①, then lift the cover up ②.

#### 2 Insert the Map data memory ②.

#### 3 Close the cover.

### Connecting the GPS module ③

Connect the GPS module ① to the USB port of the main unit, and connect the GPS antenna (aerial) ④ cord to the GPS module ① until it clicks.

### Installing the GPS module ④

#### Installation in the glove compartment

Before installation, clean the attachment surface.

#### 1 Select a location in the glove compartment that allows easy insertion/ejection of the Map data memory ② to/from the GPS module ①.

#### 2 Attach the hook fasteners ③ to the bottom of the GPS module, and the loop fasteners ③ to the position where the GPS module is to be installed, then install the GPS module ①.

#### Notes

- Check that the GPS module ① is securely fixed.
- Make sure the cords are not pinched by any part of the glove compartment when it is being opened or closed.

### Installing the GPS antenna (aerial)

#### 5

- Choose a location where no obstacle blocks GPS satellite reception so as to achieve best reception.
- Make sure the GPS antenna (aerial) ④ does not interfere with the operation of car equipment.
- Some types of front windshield (windscreen) block GPS satellite radio waves. If reception is poor when the GPS antenna (aerial) ④ is installed inside the car, install it outside.

#### 1 Decide the installation location on the dashboard or rear tray, then clean the attachment surface.

Choose a flat surface where:

- the GPS antenna (aerial) ④ can be positioned horizontally.
- operation of the passenger-side airbag is not impeded.
- GPS satellite reception is not blocked by anything inside the car or the windshield (windscreen) wipers.

#### 2 Attach the mounting sheet ⑤, then attach the GPS antenna (aerial) ④ on it.

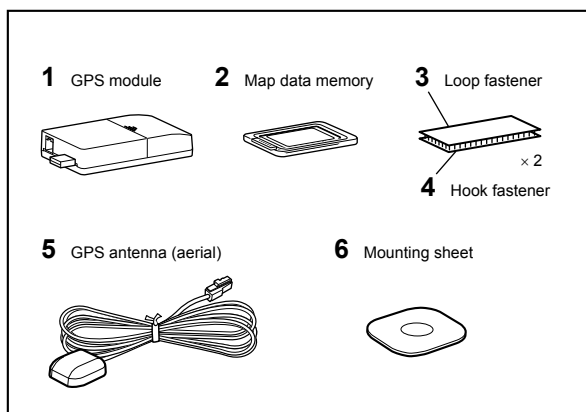
#### Notes

- Be sure to use the mounting sheet ⑤, otherwise signal reception may be poor.
- Do not install the GPS antenna (aerial) ④ close to other electrical equipment, otherwise signal reception may be unstable.
- If the surface of the mounting sheet ④ is cold, the double-sided tape may not stick firmly. Warm up its surface with a hair dryer, etc., before applying the tape.
- If there is no flat surface on which to install the GPS antenna (aerial) ④, bend the mounting sheet ⑤ to fit a curved surface before installing.

## SECTION 2

### PARTS LIST

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
	4-484-161-11	MANUAL, INSTRUCTION (ENGLISH, SPANISH, ITALIAN, FRENCH, GERMAN, DUTCH)	
1	A-1991-258-A	OVERALL ASSY, MAIN (GPS module)	
2	1-458-763-11	SD CARD (MAP US) (Map data memory)	(US, Canadian)
2	1-458-763-21	SD CARD (MAP WE) (Map data memory)	(AEP, UK)
2	1-458-763-31	SD CARD (MAP AUS) (Map data memory)	(Australian)
3	3-310-656-21	TAPE, MAGIC (Loop fastener) (1 piece)	
4	3-310-658-21	TAPE (B), MAGIC (Hook fastener) (1 piece)	
5	1-754-739-11	ANTENNA, GPS (VCA-43)	
6	4-256-030-01	REFLECTOR (GPS) (Mounting sheet)	



## REVISION HISTORY

Checking the version allows you to jump to the revised page.

Also, clicking the version at the top of the revised page allows you to jump to the next revised page.

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